

Name: Sophia

Date: March23/11

### CORNELL NOTETAKING

#### Key Words

- 1) Use wheel for transportation
- 2) Improved process of pottery making
- 3) Produce copper in quantities large enough to make tools
- 4) Irrigate fields
- 5) Study the stars
- 6) Developed engineering skills
- 7) Developed an efficient numbering system

#### Main Ideas/Supporting Ideas

- Used in Mesopotamia c.3 250 BCE
- 1st used to make pottery, still used today
- Later used with ploughs, carts or chariots
- Vehicles pulled-donkeys/oxen
- Sumerians used a kiln for baking pottery and bricks
- Possible to produce high temperature in a kiln
- Pottery becomes more harder than in the sun
- Compared copper with tin to make bronze
- Helped them build stronger boats and land vehicles
- Sumerians then could trade with people in faraway places because they had better transportation
- At first they may have simply carried water from the rivers to the fields
- They dug channels and canals that allowed water to flow from rivers to fields
- Priests calculated the best times for tilling fields and planting, harvesting crops
- Created a calendar that had 2 seasons: summer and winter
- Calendars were based on the phases of the moon, consisted of 12 months of 30 days
- Sumerians used their knowledge of mathematics to build huge temples and complex systems of canals, dikes, and ditches
- They invented a number system
- It is based on 60
- Which was used by mathematicians and astronomers until the 1600's
- System is still used today
- Sumerians developed a system that separated the symbol of the item from the amount
- The new method was helpful when dealing with large quantities

#### Connections and Reflections (Summary)

Today, we all still use what Sumerians did like using a wheel for transportation, pottery making copper, studying the stars (science), engineering skills. It just changed a little bit. Like now for transportation we use buses and planes. For pottery some people use machines..